

# SERIES 350 Modular General Purpose Regulators



Model Shown: R350-3G

## SPECIFICATIONS

**Ambient/Media Temperature:**

40° to 175°F (4° to 79°C).

**Body:** Zinc.

**Dome:** Nylon.

**Knob:** Acetal

**Fluid Media:** Compressed Air.

**Inlet Pressure:** 300 psig (21 bar) maximum.

**Outlet Pressure:** Adjustable up to 150 psig (10 bar); optional adjusting springs.

**Optional Pressure Adjustment locking key:** removable

**Pressure Gauge:** 0 to 200 psig (14 bar); 1/4-NPT gauge ports front and rear.

**Panel Mounting:** 2-1/16 inch (52 mm) hole required.

**Seals:** Nitrile.

**Self-relieving:** Non-relieving optional.

**Valve:** Brass

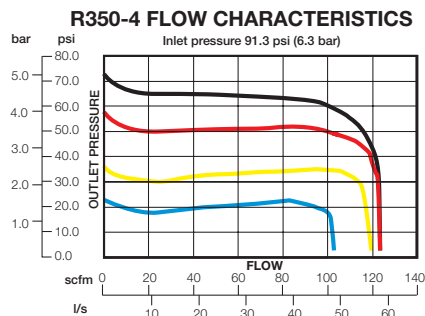
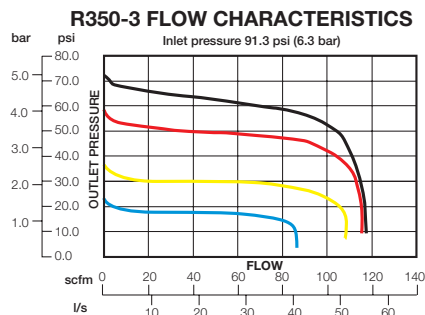
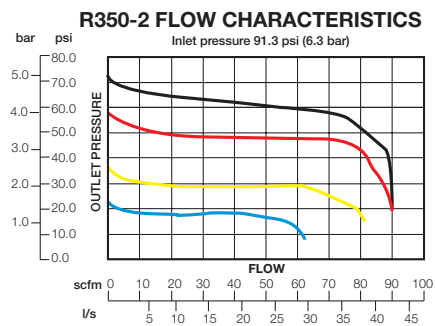
**Valve Cap:** Nylon.

# R350 Models

## Port Sizes: 1/4, 3/8, 1/2

- ◆ Modular or inline mounting. Modular mounting allows regulators to be positioned at 45° increments for ease in adjustment.
- ◆ Superior pressure regulation - diaphragm type regulator
- ◆ Self relieving design; large diaphragm sensing area; non-relieving optional.
- ◆ Optional Pressure adjustment locking key; tamper resistant pressure setting.
- ◆ Inlet rated to 300 psig (21 bar)
- ◆ Reverse flow option.
- ◆ Pressure gauge.
- ◆ Front mounted modular clamping design with encapsulated screws.
- ◆ Compatible with modular 380 series of products.
- ◆ NPTF port threads; optional BSPP threads.

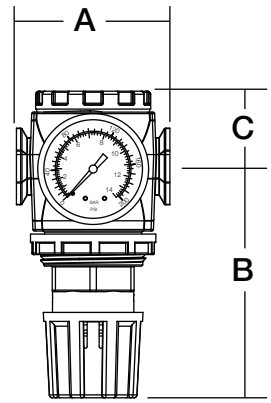
## FLOW CHARTS



## DIMENSIONS inches (mm)

A	B	C	Depth	Weight lb (kg)
3.0 (76.2)	4.52 (114.9)	1.46 (37)	2.51 (63.8)	1.9 (0.86)

**Panel mounting:** 2-1/16" (52mm) hole required.  
**Dome removal clearance:** add 0.575 (14.6)  
**Cap removal clearance:** add 0.750 (19.1)  
 Dimensions above reflect less gauge.



## ORDERING INFORMATION

Change the letters in the sample model number below to specify the regulator you want.

# R350 - 3 A G W

**PORT SIZE**

- 1/4 NPTF ..... 2
- 3/8 NPTF ..... 3
- 1/2 NPTF ..... 4

**OPTIONS** (more than one can be chosen.

- Add in alphabetical order).
- None ..... Leave blank
  - Relieving ..... Leave blank
  - Non-relieving ..... A
  - Locking knob ..... B
  - Reverse flow ..... E

**SPRINGS:**

- 0-200 psig (0-13 bar) ..... H
- 0-150 psig (0-10 bar) std ..... Leave blank
- 0-100 psig (0-6 bar) ..... L100
- 0-50 psig (0-3 bar) ..... L
- Limit maximum psig setting ..... M\*
- Tee Handle ..... T

\* insert maximum limited pressure.

**PORT TYPE**

- NPTF threads ..... Leave blank
- BSPP threads ..... W

**OPTIONS** (more than one can be chosen.

- Add in alphabetical order).
- None ..... Leave Blank
  - Pressure gauge ..... G
  - Mounting nut ..... P

**MOUNTING BRACKETS**

See page 346.

# Full-Size SERIES 380 Modular General Purpose Regulators

# R380 Models Port Sizes: 3/8, 1/2, 3/4

### Available Color Caps



Model Shown: R380-6G

- ◆ Modular or inline mounting. Modular mounting allows regulators to be positioned at increments of 45° for ease in adjustment.
- ◆ Self-relieving diaphragm design; large diaphragm sensing ratio; non-relieving optional.
- ◆ Pressure gauge.
- ◆ Pressure adjustment locking key; tamper-resistant pressure setting.
- ◆ NPTF port threads; optional BSPP threads.

## SPECIFICATIONS

### Ambient/Media Temperature:

40° to 175°F (4° to 79°C).

### Body:

Zinc.

### Dome:

Nylon; aluminum with optional 0-175 psig spring.

### Cap Color:

Accent grey. Yellow, red, and blue optional.

Fluid Media: Compressed air.

### Inlet Pressure:

300 psig (21 bar) maximum.

### Knob:

Acetal

### Outlet Pressure:

Adjustable up to 125 psig (8.6 bar); optional adjusting springs.

### Pressure Adjustment Locking Key:

Removable.

### Pressure Gauge:

0 to 200 psig (14 bar); 1/4 NPT gauge ports front and rear.

### Panel Mounting:

2-1/16 inch (52 mm) hole required.

### Seals:

Nitrile.

### Self-relieving:

Non-relieving optional.

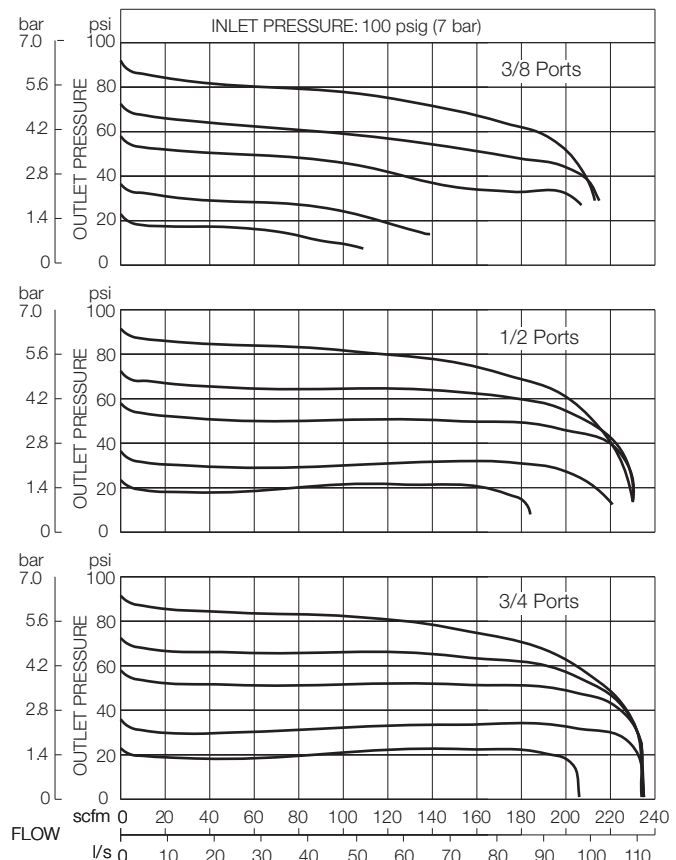
### Valve:

Brass.

### Valve Cap:

Nylon.

## FLOW CHARTS



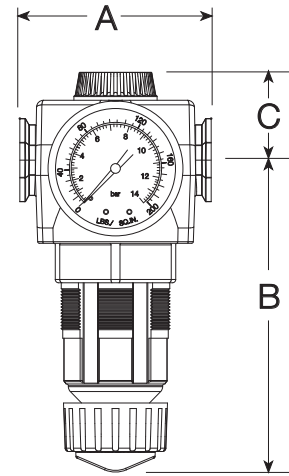
**DIMENSIONS** inches (mm)

				Weight †
A	B *	C **	Depth †	lb (kg)
3.5 (87)	5.6 (142)	1.6 (40)	2.9 (73)	2.56 (1.16)

\* Dome removal clearance: add 0.625 (16).

\*\* Cap removal clearance: add 0.50 (13).

† Less gauge.



**ORDERING INFORMATION**

Change the letters in the sample model number below to specify the regulator you want.

**R380 - 3 Y G W**

**PORT SIZE**

- 3/8 NPTF..... 3
- 1/2 NPTF..... 4
- 3/4 NPTF..... 6

**PORT TYPE**

- NPTF threads ..... Leave Blank
- BSPP threads ..... W

**OPTIONS** (More than one option can be chosen. Add in alphabetical order)

- None ..... Leave Blank
- Non-relieving ..... A
- Cap color: Grey is standard.

- MP yellow ..... C1
- Red..... C2
- Mid blue..... C3
- Internal bypass - reverse flow E

**Springs:** (0-125 psig standard)

For optimum performance operating pressure should fall approximately in the middle of the spring range.

- 0-175 psig (0-12 bar) ..... H\*\*
- 0-50 psig (0-3.4 bar) ..... L
- 0-20 psig (0-1.4 bar)..... L20

- Metal Dome ..... MD
- Limit maximum psig setting ..... M\*
- Tee handle..... T

**OPTIONS** (More than one option can be chosen. Add in alphabetical order)

- None ..... Leave Blank
- 0-200 psig Gauge ..... G
- Mounting nut ..... P

**MOUNTING BRACKETS**

See page 320.

**Full-Size Modular Regulator R380 Series**